

BATTERY SELF-WARMING MECHANISM USING THE INVERTER AND THE BATTERY MAIN DISCONNECT CIRCUITRY

ABSTRACT OF THE DISCLOSURE

An apparatus connected to an energy storage device for powering an electric motor and optionally providing a warming function for the energy storage device is disclosed. The apparatus includes a circuit connected to the electric motor and the energy storage device for generating a current. The apparatus also includes a switching device operably associated with the circuit for selectively directing the current to one of the electric motor and the energy storage device.